
(Express Mail certification is optional.)

- a. ☒ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English

language Search Report, a copy of which is attached hereto (concise explanation not required).

- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:

See Abstract in English for References

- c. ☐ The following additional information is provided for the Examiner's consideration:

FEES

IV. **THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)**
(check one box)

- a. ☒ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☐ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. **THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):**
(check one box)

- ☐ before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).
- a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- or
- b. ☐ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

- ☐ Please charge Deposit Account No. 04-1105 in the amount of \$ _____ for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.
- ☐ Fee enclosed, check in the amount of \$ 180.00.


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Hwang et al.
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If the Examiner has any questions concerning this Supplemental IDS, he/she is requested to contact the undersigned. If it is determined that this Supplemental IDS has been filed under the wrong rule, the PTO is requested to consider this Supplemental IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

Date: July 10, 2003

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		DOCKET NO.: 55711-DIV (71987)		SERIAL NO.: Divisional Application of 09/811,948			
		APPLICANT(S): Hwang et al.					
		FILING DATE: July 10, 2003		GROUP NO.:			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,376,453	12/27/94	Von Gentzkow et al.	428/415		03/19/93
	AB	5,458,978	10/17/95	Bottcher et al.	428/413		01/05/95
	AC	4,973,631	11/27/90	McGrath et al.	418/066		10/06/89
	AD	5,086,156	02/04/92	McGrath et al.	528/108		10/03/90
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	BA	2 304 716	03/1997	U.K.			
	BB	259252	09/1998	Japan			
	BC	103939	04/2000	Japan			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
Examiner:					Date:		